# INTERNATIONAL SEARCH REPORT

Ir onal Application No PCT/IB2004/051166

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L21/00 H01L21/306

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## EPO-Internal, PAJ

Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 789 389 A (NIPPON ELECTRIC CO) 13 August 1997 (1997-08-13) column 4, lines 21-47; figure 4	14
Υ	US 6 136 767 A (BLALOCK GUY T ET AL) 24 October 2000 (2000-10-24) column 1, lines 38-46 column 3, lines 29-31,47-50 column 4, lines 10-16 column 4, line 41 - column 5, line 55 figure 1a	1
Υ	US 6 541 321 B1 (CHEEK JON D ET AL) 1 April 2003 (2003-04-01) column 5, lines 35-40	1

_ X	A atom raining members are listed in aimex.
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul>	<ul> <li>"T" later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the Invention</li> <li>"X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to Involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>
Date of the actual completion of the international search  4 November 2004	Date of mailing of the international search report $11/11/2004$
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Kenevey, K

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT  Category Cliation of document, with indication, where engreprists, of the relevant passages.  Relevant to claim No.								
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.						
Y	US 2001/023109 A1 (YAMAMOTO TOMOE) 20 September 2001 (2001-09-20) figure 8	1						
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05, 30 May 1997 (1997-05-30) & JP 9 008034 A (SONY CORP), 10 January 1997 (1997-01-10) abstract	1-15						

#### Information on patent family members

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